

Abstract of the Disclosure

A high performance computer system has a number of compute nodes interconnected by an inter-node communication network. Each compute node has a local packetized interconnect coupled to the inter-node communication network by an interface. Data packets on the local packetized interconnect of a sending node may be delivered to a destination in a receiving node by addressing them to addresses associated with the network interface and tunneling the packets through the inter-node communication network to the receiving node.